

NASACITY



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Trace Space Back to You.



COASTAL

NASA's remote sensors and

satellites tell us a lot about

what's going on in our world;

flood and ocean monitoring are

just two of their functions. And

NASA does more than just look

at things! A robot developed

paint from ships without

damaging the environment.

Laboratory at Stennis Space

Center, along with his team,

mentally safe system for

treating sewage. And who

wouldn't want safer bridges

and dams? An electromigration

technique developed by NASA

helps prevent corrosion in

bridges, dams, and other

structures. If you're spending

with you. Learn more about

http://www.nasa.gov/city.

NASA's coastal technology at

time at the shore, NASA's there

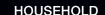
has developed a new, environ-

A former head of NASA's

Environmental Research

with the benefit of NASA fund-

ing and technology can remove



In many ways, living in space is similar to living on Earth. Thanks to NASA's contributions and industry partnerships, families all over are taking advantage of cutting-edge technologies originally used in space. Are you? Sure! Look around your house and you're bound to see how NASA contributes to your daily routine. It could be something as simple as the wireless headset through which you communicate as you roam the house or as complex as the Internet-connected combination refrigerator-wall oven that keeps food cold until you remotely tell it to start cooking. It doesn't stop there-there's more NASA to explore in your home. From the memory foam in your mattresses and pillows to the memory metal alloys in your faucets, water purification systems throughout your house, and much more, it's safe to say that wherever you go in your house, NASA is there. bringing aerospace technology to improve your life on Earth. Learn more about NASA in

your home at http://www.nasa.

gov/city.



It's no surprise that NASA is

with you when you fly-after

for "Aeronautics"! NASA's

all, the first A in "NASA" stands

advances in aviation include

reducing noise and nitrogen

pressure, countering jet lag,

and even speeding up the

processing of your tickets.

aeronautics, NASA will have

in the world of aviation, visit

http://www.nasa.gov/city.

you walking on air! To learn more

about NASA technology at work

Everywhere you look in

oxide production, deicing

planes, monitoring cabin

SPORTS & RECREATION AIR TRAVEL

What you wear, what you see, where you sit—NASA is with you in your sporting and recreational activities. Shockabsorbing athletic shoes that use spacesuit technology cushion athletes' feet. The knowledge and techniques gained from developing protective foam padding for aircraft seats have been adapted for helmets and other safety equipment. The National Football League's first retractable roof at Reliant Stadium. which is supported by a network of cables and pylons, was made possible by technology developed by NASA in the creation of fabric for its spacesuits. And the large-venue plasma display that shows you the instant replay might contain a NASA-recommended approach in using nondistorting, nondiscoloring, and multicontour microspheres. For more information on NASA's presence in sports and recreation, visit http://www.nasa.gov/city.



MANUFACTURING

Need to assemble something in a hurry? Thanks to NASA, there's a faster fastener for you! A quick-connect nut developed for in-space assembly can be pushed onto a standard bolt and locked into place with a quarter turn to the right. That's just one of NASA's innovations that benefit terrestrial manufacturing. Others include powdered lubricants, optimal power plant designs, smokestack monitors, sensors to detect chemicals. monitors to improve mine safety, and suits that protect against hazardous materials and extremes in temperature. Learn more details about NASA's industrial advances at http:// www.nasa.gov/city.



a car, truck, or bus, you may

lubricants, rugged school bus

designs are just a few of the

on the road. You may even

places where you'll find NASA

find NASA in the road itself-

safety grooving in concrete,

a technique that originated

at NASA Langley Research

decreases stopping time, and

enhances a vehicle's cornering

Center, reduces skidding.

ability. Learn more about

www.nasa.gov/city.

NASA on the road at http://

have encountered NASA!

Stronger tires, advanced

PUBLIC SAFETY

Everyone loves a good campfire, but unwanted fires are another matter. NASA's technology helps detect, resist, and extinguish fires. NASA's airborne system for imaging forest fires delivers chassis, and aerodynamic truck information about fire locations quickly. Technology used in the development of the heat shield for the Apollo spacecraft has been adapted into various fire-retardant materials to prevent the spread of fire and protect people inside burning buildings. Breathing equipment based both on NASA's design expertise and on lightweight materials used in space helps protect firefighters from smokeinhalation injury. To learn more about NASA's contributions to fire safety and other areas of safety and security, visit http:// www.nasa.gov/city.



health and well-being! From

light-emitting diodes (LEDs)

miniaturization techniques

used in automatic insulin

in space, NASA's work is

for NASA is being adapted

to create more functionally

dynamic artificial limbs, and

for use in sounding rocket

technology originally created

assemblies and robotics has

been incorporated into a gait

analysis system. Individuals

walking"! Check out more of

and medicine at http://www.

nasa.gov/city.

using these products are

pumps, to water purification

that grow plants in space and

NASA is helping to improve your What does NASA have to do with food? Well, astronauts have to eat, too! And when NASA fulfills the stringent heal humans on Earth, to microrequirements for safe dining in space, diners on Earth benefit as well. When you go shopping for groceries, NASA is there with systems based on those used you. Food lasts longer thanks to techniques for freeze-drying making important contributions and packaging it and to refrigto health. Robotics work done erators designed to meet higher standards for preserving it. Even some commercially available infant formulas now contain a nutritional, algae-based enrichment ingredient that traces its existence to NASAsponsored research. To learn more about how NASA's work benefits food safety and doing their own kind of "spacenutrition, visit http://www.nasa. NASA's contributions to health

GROCERY

www.nasa.gov